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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: David T. Chen et al.
Serial No.: 10/823,811
Filing Date: 03/09/2004
For: ANATOMICAL VISUALIZATION
SYSTEM
Group Art Unit: 3739
Examiner: John P. Leubecker
Attorney's Docket No.: MMS-24 CON

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January 10, 2006

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Margaret M. Slezak

(NAME OF ATTORNEY)

Margaret M. Slezak
(SIGNATURE)

January 10, 2006

01/13/2006 HDEMESS1 00000041 10823811

01 FC:1806 Sir: 180.00 DP

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.56, 1.97 and 1.98, Applicants hereby submit information which may be considered material to the examination of this application. This information is listed on the accompanying form.

Copies of documents 1-39, which are listed on the accompanying form, PTO/SB/08A (three pages), were previously submitted to, or cited by, the Office in U.S. Application Serial No. 10/104,082. Applicants respectfully request that these documents be fully considered by the U.S. Patent and Trademark Office during the examination of this application and printed on any patent which may issue on this application. Applicants also respectfully request that a copy of PTO/SB/08A (three pages), as considered and initialed by the Examiner, be returned to the undersigned with the next communication.

A check in the amount of One Hundred Eighty Dollars (\$180.00) payable to the Commissioner of Patents and Trademarks is also enclosed herewith to cover the fee due in connection with this submission.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97 and 1.98. If for any reason the Examiner considers otherwise, it is respectfully requested that the undersigned be contacted by the Examiner by telephone in order that any deficiencies may be expeditiously remedied.

MMS-24 CON

Please charge any additional fees due in connection with this submission, or credit any overpayment, to Deposit Account No. 16-0221. A duplicate copy of this submission is enclosed for the convenience of the Examiner.

Thank you.

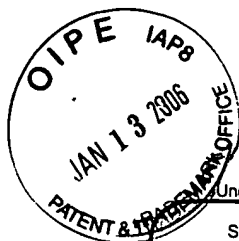
Respectfully submitted,



1/10/2006

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/823,811
Filing Date	03/09/2004
First Named Inventor	David T. Chen et al.
Art Unit	3739
Examiner Name	John P. Leubecker
Attorney Docket Number	MMS-24 CON

Sheet 1 of 3

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 5,255,352	10-19-1993	Falk	
	2	US- 4,729,098	03-01-1988	Cline et al.	
	3	US- 4,882,679	11-21-1989	Tuy et al.	
	4	US- 5,537,638	07-16-1996	Morita et al.	
	5	US- 4,945,478	07-31-1990	Merickel et al.	
	6	US- 4,965,844	10-23-1990	Oka et al.	
	7	US- 4,985,855	01-15-1991	Aldrich et al.	
	8	US- 5,493,595	02-20-1996	Schoolman	
	9	US- 5,005,559	04-09-1991	Blanco et al.	
	10	US- 5,151,856	09-29-1992	Halmann et al.	
	11	US- 5,531,227	07-02-1996	Schneider	
	12	US- 5,179,638	01-12-1993	Dawson et al.	
	13	US- 5,230,623	07-27-1993	Guthrie et al.	
	14	US- 5,231,483	07-27-1993	Sieber et al.	
	15	US- 5,511,153	04-23-1996	Azarbayejani et al.	
	16	US- 5,274,551	12-28-1993	Corby Jr.	
	17	US- 5,291,889	03-08-1994	Kenet et al.	
	18	US- 5,295,199	03-15-1994	Shino	
	19	US- 5,297,215	03-22-1994	Yamagishi	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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SignatureDate
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2

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Application Number	10/823,811
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Art Unit	3739
Examiner Name	John P. Leubecker
Attorney Docket Number	MMS-24 CON

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		Number-Kind Code ² (if known)			
	20	US- 5,319,551	06-07-1994	Sekiguchi et al.	
	21	US- 5,329,310	07-12-1994	Liljegren et al.	
	22	US- 5,363,476	11-08-1994	Kurashige et al.	
	23	US- 5,378,915	01-03-1995	Hines et al.	
	24	US- 5,383,454	01-24-1995	Bucholz	
	25	US- 5,384,594	01-24-1995	Sieber et al.	
	26	US- 5,398,684	03-21-1995	Hardy	
	27	US- 5,497,452	03-05-1996	Shimizu et al.	
	28	US- 5,447,154	09-05-1995	Cinquin et al.	
	29	US- 5,448,687	09-05-1995	Hoogerhyde et al.	
	30	US- 5,461,706	10-24-1995	Trow et al.	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
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Sheet 3 of 3	Application Number	10/823,811
	Filing Date	03/09/2004
	First Named Inventor	David T. Chen et al.
	Art Unit	3738
	Examiner Name	John P. Leubecker
		Attorney Docket Number MMS-24 CON

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	31	KAWATA et al., Three Dimensional Imaging Of Blood Vessels Using Cone-Beam CT, IEEE Computer Society Press, Proceedings ICIP, 1994, 140-144, vol. 2.	
	32	KLEIN et al., Identifying Vascular Features With Orientation Specific Filters And B-Spline Snakes, IEEE Computer Society Press, Computers in Cardiology, 1994, 113-116.	
	33	CHEN et al., Left Ventricle Global Motion And Shape From CT Volumetric Data, IEEE, April 1993, V-101 - V-104.	
	34	VANRODEN, Don't Look Now, But a Body Has Been Found in the Basement of Cummings Hall, Dartmouth Thayer School of Engineering Directions, Fall 1993, 30-36, vol. 8, no. 1, Trustees of Dartmouth College, Hanover, New Hampshire.	
	35	ROBERTS et al., A frameless stereotaxic integration of computerized tomographic imaging and the operating microscope, Journal of Neurosurgery, October 1986, 545-549, vol. 65.	
	36	WEISBURN et al., An interactive graphics editor for 3D surgical simulation, SPIE, 1986, 483-490, vol. 626, Medicine XIV/PACS IV.	
	37	SHALEV et al., Pseudo-3D imaging with the DICOM-8, SPIE, 1985, 63-66, vol. 555, Medical Imaging and Instrumentation '85.	
	38	FOWLER, Computers May Drive Revolution in Neurosurgery Techniques, Washington Post, Science, August 15, 1994.	
	39	APPLICANTS' IRA Magaziner Demo (SeeTM), displayed June 1993, (24 minutes)	

Examiner Signature		Date Considered	
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